

The 4th IEEE CVPR Workshop -- OTCBVS 2007, June 22, 2007

7:45 -- 8:15	Breakfast	http://www.vcipl.okstate.edu/otcbvs/07	
8:20 -- 9:30	Opening session	Welcome message	Workshop Chairs: Riad I. Hammoud and Ioannis Pavlidis
		Keynote Talk	
9:30 -- 10:10	Session 1 - Thermal imaging	Thermal Imaging of the Superficial Temporal Artery: An Arterial Pulse Recovery Model	Sergey Chekmenev, Aly Farag and Edward Essock
		Thermal-Visible Video Fusion for Moving Target Tracking and Pedestrian Classification	Alex Leykin, Yang Ran and Riad Hammoud
10:10 -- 10:30		Morning coffee break	
10:30 -- 11:30	Session 2 - Advances in Surveillance	Non-linear IR Scene Prediction for Range Video Surveillance	Mehmet Celenk, James Graham and Kai-jen Cheng
		A Bayesian algorithm for tracking multiple moving objects in outdoor surveillance video	Manjunath Narayana and Donna Haverkamp
		Moving Object Detection on a Runway Prior to Landing Using an Onboard Infrared Camera	Cheng-Hua Pai, Gerarc Medioni, Yu-Ping Lin and Ray Rida Hamza
11:30 -- 12:30	Session 3 - Target Localization	Detector adaptation by maximising agreement between independent data sources	Ciarán Ó Conaire, Noel O'Connor and Alan Smeaton
		Object of Interest segmentation and Tracking by Using Feature Selection and Active Contours	Mohand saïd Allili and Djemel Ziou
		Application of the Reeb Graph Technique to Vehicle Occupant's Head Detection in Low-resolution range images	Pandu Devarakota, Marta Castillo-Franco, Romuald Ginhoux, Bruno Mirbach and Bjorn Ottersten
12:30 -- 2:00		Lunch break	
2:00 -- 3:30	Session 4 - Advances in Adaptive Object Tracking	Generative Graphical Models for Maneuvering Object Tracking and Dynamics Analysis	Xin Fan and Guoliang Fan
		Pedestrian Detection in Infrared Images based on Local Shape Features	Li Zhang, Ramakant Nevatia and Bo Wu
		Robust Occlusion Handling in Object Tracking	Jiyan Pan and Bo Hu
		Coffee break - 3:00 -- 3:10	
		A New Method for Object Tracking Based on Regions Instead of Contours	Nicolas Amezcua, Rene Mancho and Francesc Casanelles
3:30 -- 4:10	Session 5 - Infrared signatures: FLIR and Polarimetric	Target Tracking with Online Feature Selection in FLIR Imagery	Vijay Venkataraman, Guoliang Fan and Xin Fan
		Extraction of objects surface normals and indices of refraction using a pair of passive polarimetric sensors	Firooz Sadjadi
4:10 -- 5:10	Session 6 - Learning and Classification	Modulation Domain Template Tracking	Chuong Nguyen, Joseph Havlicek and Mark Yeary
		Learning Object Material Categories via Pairwise Discriminant Analysis	Zhouyu Fu and Antonio Robles-Kelly
		Part-based Face Recognition Using Near Infrared Images	Ke Pan, Shengcai Liao, Zhijian Zhang , Stan Z. Li and Peiren Zhang
5:10 -- 5:30	Closing session	Best paper award, benchmark, closing remarks ... get involved!	Workshop organizers & TPC